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## ABSTRACT OF THE INVENTION

2                   A process comprising identifying assets in a raw architectural CAD  
3                   drawing, applying compliance and preferred criteria for creating detailed  
4                   engineering specifications corresponding to said assets and producing detailed  
5                   engineering CAD drawings and reports. Preferably, one or more preferred  
6                   databases of criteria augment the criteria needed for compliance with local codes,  
7                   said preferred databases including architecturally specific criteria and a client's  
8                   professional, individual and preferred criteria. Repeated use results in ever more  
9                   complete databases of preferred criteria for enabling a process requiring little or no  
10                  additional intervention for processing subsequent CAD drawings. Apparatus  
11                  embodying the process preferably include a computer and an interactive network  
12                  system and having at least one client terminal for interacting with a client,  
13                  downloading the client's raw CAD files and uploading detailed output CAD drawings  
14                  to the client.

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